```php
<?php

/**
 * @author GOLAY Brian
 * @version 1.0 (2021/05/20)
 * group logbook logic here
 */
require_once "./sql/userDAO.php";
require_once "./sql/flightDAO.php";
require_once "./sql/groupDAO.php";

use FlightClub\sql\FlightDAO;
use FlightClub\sql\GroupDAO;
use FlightClub\sql\userDAO;


//we check if the user is already loged-in
if (!isset($_SESSION['userID'])) {
    header("Location: ./index.php?page=homepage");
    exit();
}

//we filter the url to get the id of the group
$idGroup = filter_input(INPUT_GET, "idGroup", FILTER_VALIDATE_INT);


//we get the group with the user id
$groupCheck = GroupDAO::getMyGroupById($idGroup, $_SESSION['userID']);

//we check if the user is in the group, if not we redirect him to the menu page of
  the groupes
if (empty($groupCheck)) {
    header("Location: ./index.php?page=myGroupes");
    exit();
}

//we get the group data from the id
$groupDATA = GroupDAO::getGroupById($idGroup);

//we get all the users in the group
$groupUser = GroupDAO::getAllOfGroupUser($idGroup);


/**
 * Show all flight from all group users
 *
 * @param array[mixed] $users
 * @return void
 */
function showFlight($users)
{
    $compteur = 0;
    foreach ($users as $key => $value) {

        //we get the group flight
        $flight = FlightDAO::getAllUserFlightByUserId($value['Id_User']);

        //for each flight of the group we write it in a table
        foreach ($flight as $key => $value) {
            $compteur++;
```

```php
 60             echo "<tr><td>" . $value['No_Flight'] . "</td><td>" .
    $value['Dttm_Departure'] . "</td><td>" . $value['Dttm_Arrival'] . "</td><td>" .
 61                 $value['Tm_Engine_On'] . "</td><td>" . $value['Tm_Engine_Off'] . "
    </td><td>" . $value['Nm_Plane'] . "</td><td>" . $value['No_Plane'] . "</td><td>" .
 62                 $value['Cd_ICAO_Departure'] . "</td><td>" . $value['Cd_ICAO_Arrival']
    . "</td><td>" . $value['Cd_Flight_Type'] . "</td><td>" . $value['Cd_Flight_Mode'] .
 63                 "</td><td>" . $value['Cd_Role'] . "</td><td><a href='?
    page=logbookDetail&id=" . $value['Id_Flight'] . "'>Détails</a></td></tr>";
 64         }
 65     }
 66     //if there is no flight, we simply fill all cell with a "/"
 67     if ($compteur == 0) {
 68         echo "<tr><td>/</td><td>/</td><td>/</td><td>/</td><td>/</td><td>/</td>
    <td>/</td><td>/</td><td>/</td><td>/</td><td>/</td><td>/</td><td>/</td></tr>";
 69     }
 70 }
 71
 72 /**
 73  * Function that take the time of each flight and put it in a total time
 74  *
 75  * @param array[mixed] $flight
 76  * @return void
 77  */
 78 function computeTotal($users)
 79 {
 80     $totalMinutes = 0;
 81     $totalHour = 0;
 82     //we get the group flight
 83     foreach ($users as $key => $value) {
 84         $flight = FlightDAO::getAllUserFlightByUserId($value['Id_User']);
 85
 86         //we get the total minute time
 87         foreach ($flight as $key => $value) {
 88
 89             $totalMinutes += computeTotalTime($value['Dttm_Departure'],
    $value['Dttm_Arrival']);
 90         }
 91     }
 92     //we get the hour from the minutes
 93     $totalHour = floor($totalMinutes / 60);
 94
 95     //we substract 60 minutes for each hour
 96     $totalMinutes = ($totalMinutes - (60 * $totalHour));
 97
 98     //we output the hour and minutes
 99     echo $totalHour . ":" . $totalMinutes;
100 }
101
102 /**
103  * Write the group name
104  *
105  * @param array[mixed] $groupData
106  * @return void
107  */
108 function groupName($groupData)
109 {
110     echo $groupData['Nm_Group'];
111 }
112
113 /**
```

```php
114    * Function that compute a flight time on with date and hour. Found logic on
       stackoverflow and adapted it a bit:
       https://stackoverflow.com/questions/5463549/subtract-time-in-php
115    *
116    * @param string $Dt_Departure
117    * @param string $Dt_Arrival
118    * @return void
119    */
120   function computeTotalTime($Dt_Departure, $Dt_Arrival)
121   {
122       $start = strtotime($Dt_Departure);
123       $end = strtotime($Dt_Arrival);
124
125       //If you want it in minutes, you can divide the difference by 60 instead
126       $mins = (int)(($end - $start) / 60);
127       return $mins;
128   }
129
```